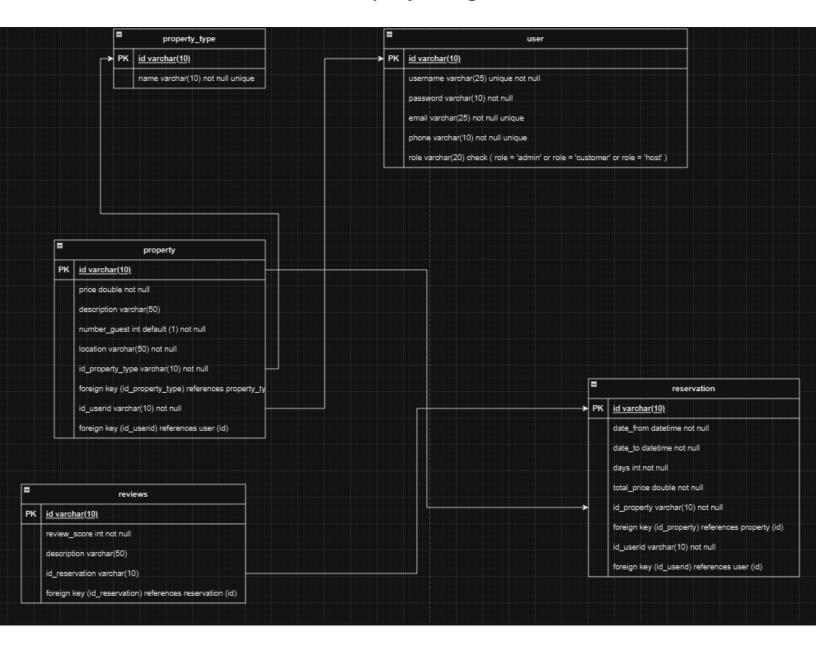
# **Rental Property Management**



# **Table Explanations:**

### 1. user Table

- Stores user information with roles such as admin, customer, or host.
- Contains fields for user identification, login credentials, contact information, and role validation.

# 2. property type Table

- o Stores types of properties example (Hotel, house).
- o Ensures each property type is uniquely identified by id and name.

#### 3. property Table

- o Stores property details including price, description, guest capacity, and location.
- o Links to the property\_type table to categorize properties and to the user table to associate a property with its owner.

#### 4. reservation Table

- Tracks booking information, including start and end dates, total price, and duration.
- o Links to the property table for reserved properties and the user table for customers.

# 5. reviews Table

- Collects feedback on reservations, including a review score and optional description.
- o Links to the reservation table to associate reviews with specific bookings.

```
CREATE DATABASE property rental management;
   phone varchar(10) not null unique,
   role varchar(20) check ( role = 'admin' or role = 'customer' or role =
create table property type(
   name varchar(10) not null unique
create table property(
create table reservation (
```

```
foreign key (id property) references property (id),
    id userid varchar(10) not null ,
    id reservation varchar(10),
);
('2', 'Mohammed', '123456', 'Mohammed@Mohammed.com', '05112311', 'customer');
insert property type values ('1', 'House');
insert property_type values ('2','Hotel');
insert property type values ('4', 'Cabin');
insert property values('1', 1000 , 'House in Riyadh',11,'Riyadh','1','1');
insert property values('2', 500, 'Hotel in Riyadh',11,'Riyadh','2','1'); insert property values('3', 2000, 'Chalet in Riyadh',11,'Riyadh','3','1');
insert reservation values ('1', cast('2024-01-01' as datetime) , cast('2024-
insert reviews values ('2',5,'good place , nice view ',2);
select * from property type;
    property.*,
    property type.name property type name,
```

```
from property
left outer join property_type on property_type.id = property.id_property_type
left outer join user on user.id = property.id_userid;

select
    reservation.*,
    property.description property_description,
    user.username
from reservation
left outer join property on property.id = reservation.id_property
left outer join user on user.id = reservation.id_userid;

select * from reviews;
```